

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DK 03/00191

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B29C47/02 B29C35/10 B29D23/00 F16L11/08 F16L11/14 //B29K23:00, B29K105:24		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B29C B29D F16L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 053 214 A (JARVENKYLA JYRI JAAKKO ET AL) 25 April 2000 (2000-04-25) column 24, line 1 - column 25, line 35; claims 1,3,65,82,83; figure 5A	1-5, 9-15,21 37
X	US 6 106 761 A (JAERVENKYLAE JYRI ET AL) 22 August 2000 (2000-08-22) claims 1,4,5,7-9,16,44; figure 1	1-3, 9-11, 13-18, 21-25, 29-31, 37,38,41
X	US 4 107 245 A (JANSSON GUNNAR) 15 August 1978 (1978-08-15) column 14, line 11 - line 16; example 5 -/--	1-3, 9-11, 13-15
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
3 June 2003		10/06/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Van Nieuwenhuize, O

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X	WO 00 70256 A (OFFTECH INVEST AS ; SEMB GUNNAR (NO); OSEN PER (NO); REINHART KEVIN) 23 November 2000 (2000-11-23) page 5, paragraph 2 - paragraph 3	37, 38, 41
A	US 3 868 436 A (OOTSUJI MASAOKI ET AL) 25 February 1975 (1975-02-25) cited in the application column 3, line 46 - column 4, line 19 column 7, line 56 - line 57 column 9, line 56 - line 68 column 11, line 30 - column 12, line 1; figure 1	1, 9-14, 24
A	US 4 528 155 A (ELDER DANNY S) 9 July 1985 (1985-07-09) cited in the application column 5, line 50 - column 6, line 28 column 7, line 63 - line 67; claims 1-10	1, 9-14
A	US 5 716 574 A (KAWASAKI YOUICHI) 10 February 1998 (1998-02-10) column 4, line 10 - column 5, line 60; figure 1; example 1	1, 9-14
A	US 3 928 525 A (FUWA MASARU ET AL) 23 December 1975 (1975-12-23) figure 2; example 29	1, 9-14
A	US 6 192 941 B1 (MALLEN-HERRERO JOS EACUTE ET AL) 27 February 2001 (2001-02-27) column 6, line 66 - column 7, line 31; figure 1	37, 38
A	US 5 918 641 A (MORAND MICHEL ET AL) 6 July 1999 (1999-07-06) claim 1	1, 37
A	US 4 144 111 A (SCHAERER ANDRE J) 13 March 1979 (1979-03-13) the whole document	9-14, 37
A	US 6 123 114 A (MALOBERTI RENEANTOINE ET AL) 26 September 2000 (2000-09-26) figure 3	1, 37-41
A	US 5 573 720 A (KOTZER MOSHE) 12 November 1996 (1996-11-12) column 2, line 23	1

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